

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A semiconductor device comprising:
an integrated circuit ~~[[using]]~~ comprising a thin-film transistor;
an antenna configured to receive a signal from a reader/writer wirelessly;
a first sealing film;
a second sealing film;
a protective layer;
a substrate; and
an adhesive,
wherein the integrated circuit and the antenna are electrically connected to each other,
the antenna is covered with the protective layer;
the integrated circuit is sandwiched between the first sealing film and the second sealing film,
the first sealing film is sandwiched between the substrate and the integrated circuit,
the first sealing film is attached to the substrate with the adhesive,
the first sealing film includes a plurality of first insulating films and one or a plurality of second insulating films sandwiched between the plurality of first insulating films,
the second sealing film includes a plurality of third insulating films and one or a plurality of fourth insulating films sandwiched between the plurality of third insulating films,
the one or the plurality of second insulating films has lower stress than the plurality of first ~~insulating~~ insulating films,

the one or the plurality of fourth insulating films has lower stress than the plurality of third insulating films,

the plurality of first insulating films and the plurality of third insulating films are inorganic insulating films,

the adhesive over the substrate, the first sealing film over the adhesive, the integrated circuit over the first sealing film, the antenna over the integrated circuit, and the protective layer over the antenna are covered with the second sealing film, and the second sealing film is partly in contact with the substrate.

2. (Currently Amended) A semiconductor device comprising:
- an integrated circuit ~~[[using]]~~ comprising a thin-film transistor;
 - an antenna configured to receive a signal from a reader/writer wirelessly;
 - a first sealing film;
 - a second sealing film;
 - a substrate;
 - a first adhesive;
 - a second adhesive; and
 - a cover member,
- wherein the integrated circuit and the antenna are electrically connected to each other,
- the integrated circuit is sandwiched between the first sealing film and the second sealing film,
- the first sealing film and the second sealing film are sandwiched between the substrate and the cover member,
- the first sealing film is attached to the substrate with the first adhesive,
- the first sealing film includes a plurality of first insulating films and one or a plurality of second insulating films sandwiched between the plurality of first insulating films,

the second sealing film includes a plurality of third insulating films and one or a plurality of fourth insulating films sandwiched between the plurality of third insulating films,

the one or the plurality of second insulating films has lower stress than the plurality of first insulating films,

the one or the plurality of fourth insulating films has lower stress than the plurality of third insulating films,

the plurality of first insulating films and the plurality of third insulating films are inorganic insulating films;

the integrated circuit provided over the substrate is covered with the second adhesive,

the second adhesive is in contact with the second sealing film, and

the second adhesive is partly in contact with the substrate over which the first adhesive, the first sealing film, and the integrated circuit are provided.

3. (Currently Amended) A semiconductor device comprising:

an integrated circuit ~~[[using]] comprising a thin-film~~ transistor;

an antenna configured to receive a signal from a reader/writer wirelessly;

a first sealing film;

a second sealing film;

a substrate;

a first adhesive;

a second adhesive; and

a cover member,

wherein the integrated circuit and the antenna are electrically connected to each other,

the integrated circuit and the antenna are sandwiched between the first sealing film and the second sealing film,

the first sealing film and the second sealing film are sandwiched between the substrate and the cover member,

the first sealing film is attached to the substrate with the first adhesive,

the first sealing film includes a plurality of first insulating films and one or a plurality of second insulating films sandwiched between the plurality of first insulating films,

the second sealing film includes a plurality of third insulating films and one or a plurality of fourth insulating films sandwiched between the plurality of third insulating films,

the one or the plurality of second insulating films has lower stress than the plurality of first insulating films,

the one or the plurality of fourth insulating films has lower stress than the plurality of third insulating films,

the plurality of first insulating films and the plurality of third insulating films are inorganic insulating films,

the integrated circuit and the antenna provided over the substrate are covered with the second adhesive,

the second adhesive is in contact with the second sealing film, and

the second adhesive is partly in contact with the substrate over which the first adhesive, the first sealing film, the integrated circuit, and the antenna are provided.

4. (Original) The semiconductor device according to claim 2 or 3, wherein the cover member has flexibility.

5. (Currently Amended) The semiconductor device according to any one of claim 1 through claim 3, wherein the antenna and a gate electrode of the thin-film transistor are formed ~~[[using]]~~ by patterning a conductive film.

6. (Currently Amended) The semiconductor device according to any one of claim 1 through claim 3, wherein the antenna and a wiring connected to the ~~thin-film~~ transistor are formed ~~[[using]]~~ by patterning a conductive film.

7. (Currently Amended) A semiconductor device comprising:
an integrated circuit ~~[[using]]~~ comprising a thin-film-transistor;
an antenna configured to receive a signal from a reader/writer wirelessly;
a first sealing film;
a second sealing film;
a substrate;
a first adhesive;
a second adhesive; and
a cover member,
wherein the integrated circuit is sandwiched between the first sealing film and the second sealing film,
the first sealing film and the second sealing film are sandwiched between the substrate and the cover member,
the first sealing film is attached to the substrate with the first adhesive~~[[:]~~,
the cover member is sandwiched between the antenna and the second sealing film,
the integrated circuit and the antenna are electrically connected to each other via a contact hole formed in the cover member and the second sealing film with the second adhesive,
the first sealing film includes a plurality of first insulating films and one or a plurality of second insulating films sandwiched between the plurality of first insulating films,
the second sealing film includes a plurality of third insulating films and one or a plurality of fourth insulating films sandwiched between the plurality of third insulating films,

the one or the plurality of second insulating films has lower stress than the plurality of first insulating films,

the one or the plurality of fourth insulating films has lower stress than the plurality of third insulating films,

the plurality of first insulating films and the plurality of third insulating films are inorganic insulating films,

the integrated circuit provided over the substrate is covered with the second adhesive,

the second adhesive is in contact with the second sealing film, and

the second adhesive is partly in contact with the substrate over which the first adhesive, the first sealing film, and the integrated circuit are provided.

8. (Original) The semiconductor device according to claim 7, wherein the cover member has flexibility.

9. (Currently Amended) A semiconductor device comprising:

an integrated circuit ~~[[using]] comprising a thin-film~~ transistor;

an antenna configured to receive a signal from a reader/writer wirelessly;

a first sealing film;

a second sealing film;

an adhesive; and

a substrate,

wherein the integrated circuit is sandwiched between the first sealing film and the second sealing film,

the first sealing film is sandwiched between the substrate and the integrated circuit,

the first sealing film is attached to the substrate with the adhesive,

the integrated circuit includes a connection terminal,

the integrated circuit further includes a rectification circuit for generating a supply voltage from an alternating-current signal that is input in the connection terminal by ~~[[an]]~~ the antenna; a demodulation circuit for generating a first signal by demodulating the alternating-current signal; a microprocessor for performing arithmetic processing in accordance with the first signal to generate a second signal; a modulation circuit for modulating the second signal; and a switch for modulating load applied to the antenna in accordance with the modulated second signal,

the first sealing film includes a plurality of first insulating films and one or a plurality of second insulating films sandwiched between the plurality of first insulating films,

the second sealing film includes a plurality of third insulating films and one or a plurality of fourth insulating films sandwiched between the plurality of third insulating films,

the one or the plurality of second insulating films has lower stress than the plurality of first insulating films,

the one or the plurality of fourth insulating films has lower stress than the plurality of third insulating films, and

the plurality of first insulating films and the plurality of third insulating films are inorganic insulating films.

10. (Previously Presented) The semiconductor device according to any one of claims 1-3, 7 and 9, wherein the substrate has flexibility.

11. (Previously Presented) The semiconductor device according to any one of claims 1-3, 7 and 9, wherein the plurality of first insulating films or the plurality of third insulating films includes silicon nitride, silicon nitride oxide, aluminum oxide, aluminum nitride, aluminum nitride oxide or aluminum silicon nitride oxide.

12. (Previously Presented) The semiconductor device according to any one of claims 1-3, 7 and 9, wherein the one or the plurality of second insulating films or the one or the plurality of fourth insulating films includes polyimide, acrylic, polyamide, polyimide amide, benzocyclobutene or epoxy resin.

13. (New) A semiconductor device comprising:
a first flexible substrate;
a first sealing film over the first flexible substrate;
an integrated circuit comprising a transistor over the first sealing film;
an antenna over the first sealing film, the antenna being configured to receive a signal from a reader/writer wirelessly and being electrically connected to the integrated circuit;
a second sealing film over the integrated circuit and the antenna wherein the integrated circuit and the antenna are interposed between the first sealing film and the second sealing film; and
a second flexible substrate over the second sealing film;
wherein each of the first sealing film includes at least two inorganic insulating films and an organic insulating film interposed between the two inorganic insulating films.

14. (New) The semiconductor device according to claim 13 wherein the transistor is a thin film transistor.

15. (New) The semiconductor device according to claim 13 wherein each of the two inorganic insulating films comprises a material selected from the group consisting of silicon nitride, silicon nitride oxide, aluminum oxide, aluminum nitride, aluminum nitride oxide or aluminum silicon nitride oxide.

16. (New) The semiconductor device according to claim 13 wherein the organic insulating film comprises a material selected from the group consisting of polyimide, acrylic, polyamide, polyimide amide, benzocyclobutene or epoxy resin.

17. (New) The semiconductor device according to claim 1, wherein the transistor is a thin film transistor.

18. (New) The semiconductor device according to claim 2, wherein the transistor is a thin film transistor.

19. (New) The semiconductor device according to claim 3, wherein the transistor is a thin film transistor.

20. (New) The semiconductor device according to claim 7, wherein the transistor is a thin film transistor.

21. (New) The semiconductor device according to claim 9, wherein the transistor is a thin film transistor.